

CLAIMS

1. A combined tongue depressor and oral spray device adapted to be connectable to a container containing an oral spray material to enable fluid contents contained within the container to be dispensed through the tongue depressor oral spray device to reach the throat cavity and the rear portion of the tongue, comprising:

a longitudinal tube member having an inner passageway extending from a proximal end thereof to a distal end thereof;

means for connecting the proximal end to the container for permitting movement of the longitudinal tube relative to the container; and

exit means associated with the distal end of said longitudinal tube for permitting material contained in the container to exit from the container and through said tube and out of said exit means to reach the rear of the tongue and the throat cavity and the rear of the mouth.

2. The device as claimed in claim 1, wherein said inner passageway is a central opening passing from the proximal end to the distal end.

3. The device as claimed in claim 1, wherein said longitudinal tube member has a shape with at least one flat side adapted for resting on the tongue to prevent the tongue from blocking the exit spray material from reaching the rear of the mouth cavity and the rear portion of the tongue.

4. The device as claimed in claim 1 wherein the exit means includes a nozzle portion having one end for connection with said longitudinal member and another end including an aperture fluid dispensing portion.

5. The device as claimed in claim 4 wherein the aperture fluid dispensing portion includes a plurality of openings inwardly displaced from an outer rim portion of said other end and communicating with said container through said passageway in said longitudinal tube.

6. The device as claimed in claim 1 wherein said means for connecting said proximal end to said container includes a closure cap for said container and a movable connector mechanism having one portion of a universal connector mechanism connected to said proximal end and another portion movably connected to said closure cap to provide relative movement of said longitudinal member relative to said closure cap.

7. The device as claimed in claim 6 wherein said closure cap includes a first member substantially relatively non-movable where said closure cap is closed on said container and a second member telescopically associated with said first member for movement relative to said first member to decrease the volume of the container and said second member to cause the material to be expelled from said container through an opening associated with said second member, and said movable connector includes first means for connection of said movable connector with said longitudinal tube and second means for connection with the opening in said second member and having an opening in

communication with the opening associated with said second member for causing the material to be transmitted to said inner passageway in said longitudinal tube member.

8. The device as claimed in claim 6 wherein said movable connector is an L-shaped member having an inner passageway extending from one end to the other, and one end of said inner passageway being in fluid or material communication with the inner passageway of said longitudinal member and the other end of L-shaped member being in fluid or material communication with the opening of said second member.

9. The device as claimed in claim 8, wherein said second member and said second means include cooperating elements to permit said longitudinal member to be rotated about a longitudinal axis passing through the opening associated with said second member.

10. The device as claimed in claim 1 wherein the length of said longitudinal tube is at least as long as a conventional adult tongue to enable the exit means to reach the throat portion and enable the user to hold the container free of pressure against the user's body portion.

11. The device as claimed in claim 1 wherein the length of the longitudinal tube is approximately three inches.

12. A combined tongue depressor and oral spray mechanism adapted to be connectable to a container containing an oral spray fluid to enable fluid contents contained within the container to be dispensed as a jet spray through the tongue depressor

oral spray mechanism to reach the throat cavity and the rear portion of the tongue,
comprising:

a longitudinal tube member having an inner passageway extending from a proximal and thereof to a distal end thereof;

means for connecting the proximal end to the container for permitting movement of the longitudinal tube relative to the container for movement through an arc of 360°;
and

exit means associated with the distal end of said longitudinal tube for permitting the fluid contained in the container to exit from the container and through the distal end of said tube and out of said exit means to reach the rear of the tongue and the throat cavity and the rear of the mouth proximate to the tonsils.

13. The device as claimed in claim 12, wherein said inner passageway is a central opening passing from the proximal end to the distal end for providing a fluid connection with said container and the exit means.

14. The device as claimed in claim 12, wherein said longitudinal tube member has a quadrilateral shape in cross-section transverse to its longitudinal axis with at least one flat side adapted for resting on the tongue to prevent the tongue from blocking the exit spray from reaching the rear of the mouth cavity and the rear portion of the tongue.

15. The device as claimed in claim 12 wherein the exit means includes a nozzle portion having one end for connection with said longitudinal member and

another end including an aperture liquid dispensing portion having a plurality of openings providing direct communications with said inner passageway.

16. The device as claimed in claim 15 wherein said plurality of openings are inwardly displaced from an outer rim portion of said other end and communicating with said container through said passageway in said longitudinal tube.

17. The device as claimed in claim 12 wherein said means for connecting said proximal end to said container includes a closure cap for said container and a connector mechanism having one portion connected to said proximal end and another portion connected to said closure cap, said connection means having an inner aperture in communication with the inner passageway of said longitudinal member.

18. The device as claimed in claim 12 wherein the length of said longitudinal tube is longitudinally adjustable along a central axis, at least as long as a conventional adult tongue and approximately one to three inches to enable the exit means to reach the throat portion and enable the user to hold the container free of pressure against the user's body portion.

19. The device as claimed in claim 18, wherein said means connecting said proximal end to said container includes a universal connector having a pair of fluid passageways coupling a fluid passageway in the closure cap with a fluid passageway in the longitudinal member and wherein the longitudinal member is axially adjustable.

20. The device as claimed in claim 1, wherein said means connecting said proximal end to said container includes a universal connector having a pair of fluid

passageways coupling a fluid passageway in the closure cap with a fluid passageway in the longitudinal member and wherein the longitudinal member is axially adjustable.